

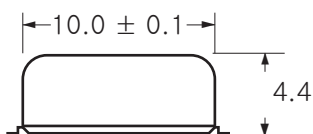
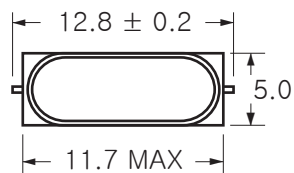
# HC SMD TYPE CRYSTAL

## HC-49S SMD / HC-49SL SMD

### Electrical Specification

| SPECIFICATION         |                               | ESR              |          |      |
|-----------------------|-------------------------------|------------------|----------|------|
| Frequency Range       | 3.20 to 75.00MHz              | Frequency        | $\Omega$ | Mode |
| Frequency Tolerance   | $\pm 30$ (STD), $\pm 50$ @25℃ | 3.2 ~3.499 MHz   | 200      | Fund |
| Frequency Stability   | $\pm 50$ ppm                  | 3.5 ~3.999 MHz   | 150      | Fund |
| Operating Temperature | -20 to +70℃                   | 4.0 ~4.999 MHz   | 120      | Fund |
| Storage Temperature   | -40 to +85?                   | 5.0 ~5.999 MHz   | 100      | Fund |
| Shunt Capacitance     | 7pF Max                       | 6.0 ~7.999 MHz   | 90       | Fund |
| Load Capacitance      | 18pF                          | 8.0 ~9.999 MHz   | 70       | Fund |
| Drive Level           | 1mW Max                       | 10.0 ~11.999 MHz | 60       | Fund |
| Aging                 | $\pm 5$ ppm / year            | 12.0 ~14.999 MHz | 50       | Fund |
|                       |                               | 15.0 ~19.999 MHz | 40       | Fund |
|                       |                               | 20.0 ~26.999 MHz | 30       | Fund |
|                       |                               | 27.0 ~75.000 MHz | 100      | 3rd  |
|                       |                               |                  |          |      |
|                       |                               |                  |          |      |

### Dimension

**HC-49S**

**HC-49SL**
